

**Railroad Aveune Extension**

from US 64/276 to Chestnut St (SR 1710)

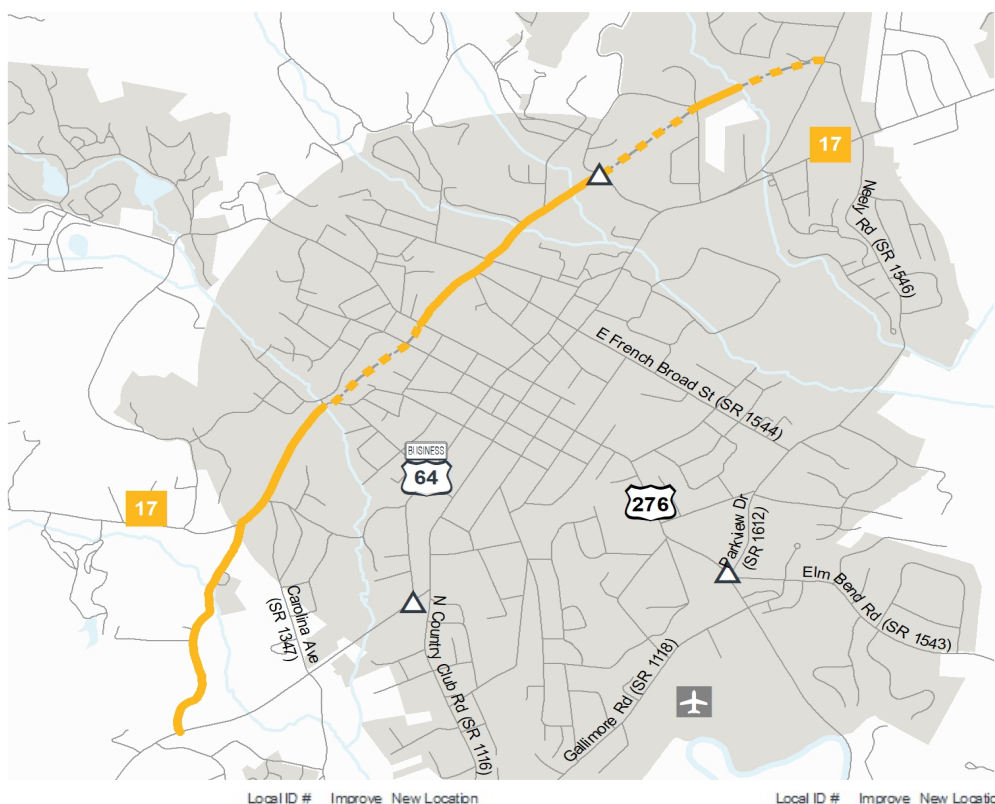
Local ID: TRAN0017-H

Purpose: **System Linkage**Improvement: **New Location (part on existing)****Identified Need**

Improve connectivity for schools and neighborhoods on west side of Brevard.

**Recommendation**

Railroad Aveune Extension, partially new location partially existing



Congestion / Mobility



Interchange



Access Management / Operations



Bridge / Overpass



Modernization



Intersection



Other

**Proposal At A Glance**

Highway Class	Other
Facility Type	Minor Thoroughfare
Typical Section	02 E
Section Options	-
Estimated Cost	\$39,300,000
Length (miles)	2.44
Existing ROW (feet)	60
Safety Risk Score	-

**Proposal Data: 2017 Base Year 2045 Future Year**

Improved Route	Existing	Without Proposal	With Proposal
Facility Type	Minor Thoroughfare	Minor Thoroughfare	Minor Thoroughfare
Travel Lanes	2	2	2
Volume (vpd)	780-3300	1200-3500	-
Capacity (vpd)	10000-10200	10000-10200	10000-10200

New Location	Existing	Without Proposal	With Proposal
Facility Type	Minor Thoroughfare	Minor Thoroughfare	Minor Thoroughfare
Travel Lanes	-	-	2
Volume (vpd)	-	-	-
Capacity (vpd)	-	10200	10200

**Capacity Data: Year**

Facility will be Approaching Capacity (>80%)	-
Facility will be Over Capacity (>=100%)	-

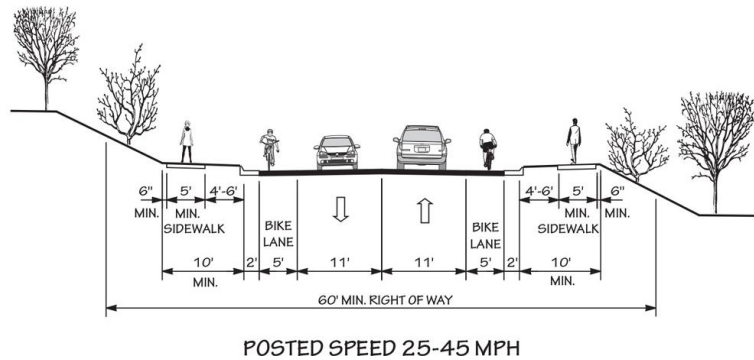


## Typical Section Options:

None

# TYPICAL SECTION No. 2E

2 LANE UNDIVIDED WITH CURB & GUTTER, BIKE LANES, AND SIDEWALKS



### Linkage to Other Plans

According to the 2013 Blue Ridge Bike Plan, this facility is part of an "Other Bicycle Corridor" serving the region. It is classified as either a major collector or local road on the Federal Functional Classification System.

### Goals & Objectives Survey

The citizens of Transylvania County responded to a public survey in early 2019 with a great deal of support for new greenways, sidewalks, and multi-use paths. When asked for their top three most important project types, these categories ranked first, third and fifth, out of a dozen choices. Rounding out the top five were maintenance and safety projects at second and fourth respectfully. When asked to rank transportation goals, the respondents gave two, preservation of the natural beauty and community character and increasing the number transportation mode choices, substantial net positive scores; improved connectivity, and economic development about neutral; and improved travel time was poorly scored, receiving over 50% of the lowest rank.

### Relationship to Land Use

According to the 2025 Transylvania County Comprehensive Plan (2017), the area around this project is a Designated Growth Area where it is expected that future economic development of manufacturing, commercial, and higher density residential housing will be constructed. They are constrained to areas with relatively flat land located out of the floodplain with access to major corridors and utilities. This designation along with appropriate policies will provide a framework for infrastructure expansion that will strengthen the confidence of public and private investors about the future of the land and their investment.

### Natural & Human Environmental Context

Based on planning level environmental assessment using available GIS data, the proposed project intersects the French Broad River local watershed and properties of the Carolina Mountain Land Conservancy.

It is also within the vicinity of wetlands and conservation properties. The project is in proximity of three places of worship, the historic Probart Street District, Brevard Middle School, and one medical facility.